

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

ERIC LEOPOLD, ET AL.

Serial No.

Filed: Concurrently Herewith

For: RELOADABLE SHEATH FOR  
CATHETER SYSTEM FOR DEPLOYING  
VASOOCCLUSIVE DEVICES

Prior Examiner: David A. Bonderer

Prior Group Art Unit: 3732

Client ID/Matter No. MICRU:68082

Date: March 16, 2004

EXPRESS MAIL # EV 130089945 US

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR §1.97(b)(3) and §1.98(d), enclosed is a copy of the Information Disclosure Statement and Supplemental Information Disclosure Statements, as filed in the prior application, U.S. Serial No. 09/990,759, together with a copy of the PTO-892 cited therein by the Examiner. The references listed were previously submitted or were cited in prior application USSN 09/990,759. It is believed that these references will be helpful during examination of the application, and it is believed that no fee is due in connection with this paper. However, should a fee be required, the Commissioner is

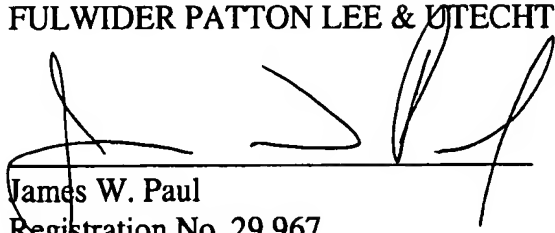
authorized to charge the fee due in connection with this matter to Deposit Account No.  
06-2425.

A duplicate copy of this paper is enclosed.

Respectfully submitted,

FULWIDER PATTON LEE & UTECHT, LLP

By:

  
James W. Paul  
Registration No. 29,967

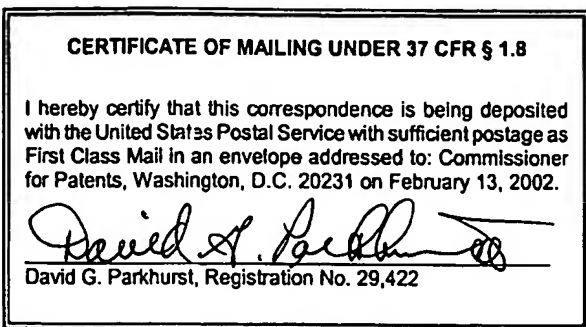
JWP:sn

Enc:

Howard Hughes Center  
6060 Center Drive, Tenth Floor  
Los Angeles, CA 90045  
Telephone: (310) 824-5555  
Facsimile: (310) 824-9696  
Customer No. 24201

45619.1

PATENT



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Eric Leopold, et al.

§ Examiner: Not Assigned

Serial No.: 09/990,759  
10802520

§

§ Art Unit: 3761

§

Filed: November 9, 2001

§

§ Docket No.: MICRU-58572

§

For: RELOADABLE SHEATH FOR CATHETER  
SYSTEM FOR DEPLOYING  
VASOOCCLUSIVE DEVICES

§

§ Date: February 13, 2002

§

§

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL**  
**UNDER 37 § 1.97(b)(1)**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

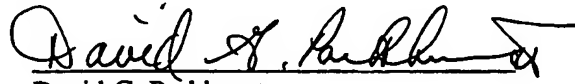
In accordance with 37 CFR §1.97(b)(1), Applicants submit an Information Disclosure Statement including form PTOSB/08A and a copy of the references listed therein in order to inform the Examiner of art which may be material to patentability of the invention.

Art Unit: 3761  
Serial No.: 09/990,759

MICRU-58572

It is believed that no fee is due in connection with this matter. However if a fee is due, please charge our deposit account no. 06-2425. A duplicate of this statement is enclosed.

Respectfully submitted,  
FULWIDER PATTON LEE & UTECHT, LLP



David G. Parkhurst  
Registration No. 29,422

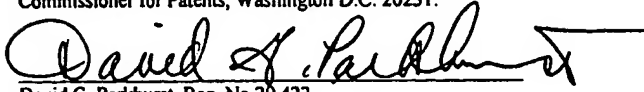
DGP:RCS/mv  
Encl: PTO/SB/08A  
Cited references

Howard Hughes Center  
6060 Center Drive, Tenth Floor  
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[228755.1]

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service on March 6, 2003 with sufficient postage as First Class Mail in an envelope addressed to:  
Commissioner for Patents, Washington D.C. 20231.

  
David G. Parkhurst, Reg. No. 29,422

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

Eric Leopold, et al.

Serial No. ~~09/990,759~~ 10802520

Filed: November 9, 2001

For: RELOADABLE SHEATH FOR  
CATHETER SYSTEM FOR  
DEPLOYING VASOOCCLUSIVE  
DEVICES

Examiner: David A. Bonderer

Group Art Unit: 3732

Client ID/Matter No.: MICRU-58572

Date: March 6, 2003

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to the duty of disclosure set forth in 37 C.F.R. § 1.56 and the procedure set forth in 37 C.F.R. §§ 1.97 and 1.98, the Applicant submits for the Examiner's consideration the attached PTO Form PTO/SB/08A. A copy of the listed reference is also enclosed.

The undersigned hereby certifies that the cited document was first cited in a Search Report for a European application which asserts priority to Serial No. 09/990,759, which Search Report was communicated not more than three months prior to this filing of


this supplemental information disclosure statement. Since the cited document is in French and no translation into English is available, a copy of the Search Report is enclosed as evidence of relevance of the cited document.

The reference cited on the Form PTO/SB/08A may not constitute prior art to the subject matter of the invention claimed in the pending application. The document therefore is disclosed here in an abundance of caution, in light of 37 C.F.R. § 1.56.

The Applicant respectfully requests the Examiner to consider this Information Disclosure Statement.

Respectfully submitted,

FULWIDER PATTON LEE & UTECHT, LLP

By:   
David G. Parkhurst  
Registration No. 29,422

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4675.1

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
				Application Number	09/900,759-10802520
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Filing Date	November 9, 2001
				First Named Inventor	E. Leopold
				Art Unit	3761
				Examiner Name	Not Assigned
				Attorney Docket Number	MICRU-58572
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document No.		Name of Patentee or Applicant of Cited Document	Publication Date MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if Known)			
NRP		1,621,159		Evans	03-15-27	
		4,306,562		Osborne	12-22-81	
		4,430,081		Timmermans	02-07-84	
		5,026,377		Burton et al.	06-25-91	
		5,035,706		Giantureo et al.	07-30-91	
		5,071,407		Termin et al.	12-10-91	
		5,184,627		de Toledo	02-09-93	
		5,222,970		Reeves	06-29-93	
		5,230,348		Ishibe et al.	07-27-93	
		5,275,173		Samson et al.	01-04-94	
		5,324,304		Rasmussen	06-28-94	
		5,372,138		Crowley et al.	12-13-94	
		5,373,856		Grenouillet	12-20-94	
		5,380,304		Parker	01-10-95	
∇		5,391,172		Williams et al.	02-21-95	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Publication Date MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code	Number	Kind Code (if Known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published	T
NRP		JEFFREY HAWKINS, RONALD G. QUISLING, MD, J. PARKER MICKLE, MD and IRVIN F. HAWKINS, MD - Retrievable Gianturco-Coil Introducer, (Radiology 1986) from the Depts. Of Radiology and Neurosurgery, University of Florida Medical Center and Hawk Prototype Equipment, Gainesville, FL.	

Examiner Signature	<i>Natasha Park</i>	Date Considered	9/20/05
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/990,759 10802520
				Filing Date	November 9, 2001
				First Named Inventor	E. Leopold
				Art Unit	3761
				Examiner Name	Not Assigned
Sheet	2	of	2	Attorney Docket Number	MICRU-58572

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document No.		Name of Patentee or Applicant of Cited Document	Publication Date MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if Known)			
NRP		5,400,785		Crowley	03-28-95	
		5,415,178		Hsi et al.	05-16-95	
		5,415,664		Pinchuk	05-16-95	
		5,421,338		Crowley et al.	06-06-95	
		5,480,423		Ravenscroft et al.	01-02-96	
		5,507,769		Marin et al.	04-16-96	
		5,527,336		Rosenbluth et al.	06-18-96	
		5,549,109		Samson et al.	08-27-96	
		5,603,694		Brown et al.	02-18-97	
		5,662,712		Pathak et al.	09-02-97	
		5,700,253		Parker	12-23-97	
		5,735,816		Lieber et al.	04-07-98	
		5,749,921		Lenker et al.	05-12-98	
		5,759,173		Preissman et al.	06-02-98	
		5,807,398		Shaknovich	09-15-98	

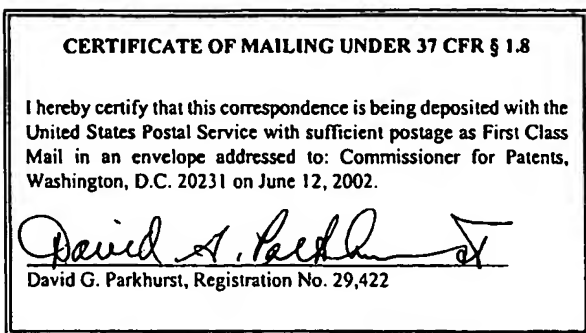
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Publication Date MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code	Number	Kind Code (if Known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T

Examiner Signature	Natalie Pore	Date Considered	9/20/05
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PATENT



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application:	) Examiner: Not Assigned
	)
Eric Leopold, et al.	) Art Unit: 3761
	)
Serial No.: <del>09/990,759</del> 10802520	) Docket No.: MICRU-58572
	)
Filed: November 9, 2001	) Date: June 12, 2002
	)
For: RELOADABLE SHEATH FOR	)
CATHETER SYSTEM FOR	)
DEPLOYING VASOOCCLUSIVE	)
DEVICES	)

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to the duty of disclosure, Form PTO-FB-A820 is enclosed in order to inform the Examiner of art which may be material to patentability of the invention. Copies of the listed references have been enclosed. The Examiner is requested to consider and cite the references in the examination.

Serial No.: 09/990,759

It is believed that no fee is due in connection with this matter. However if a fee is due, please charge our deposit account no. 06-2425. A duplicate of this statement is enclosed.

Respectfully submitted,

FULWIDER PATTON LEE & UTECHT, LLP



David G. Parkhurst

Registration No. 29,422

DGP:rvw

Encl: Return Postcard

PTO/FB/A820 Transmittal

References (41)

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Customer No.: 24201

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June 11, 2002

She: 5

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

MICRU 58572

SERIAL NO.

09/990,759

10802528

## INFORMATION DISCLOSURE CITATION

(Use Several Sheets if Necessary)

APPLICANT Eric Leopold

FILING DATE

November 9, 2001

GROUP

3761

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
NRP	4,748,982	June 1988	Horzewski, et al.			
	4,775,371	October 1988	Mueller, Jr.			
	5,040,548	August 1991	Yock.			
	5,061,273	October 1991	Yock.			
	5,135,535	August 1992	Kramer			
	5,154,725	October 1992	Leopold			
	5,217,482	June 1993	Keith.			
	5,242,396	September 1993	Evard			
✓	5,279,562	January 1994	Sirhan et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*Natasha P...*

DATE CONSIDERED

9/20/05

EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

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Form PTO-FB-A820

(also form PTO-1449)

June 11, 2002

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

MICRU 58572

SERIAL NO.

09/990,759 10802520

## INFORMATION DISCLOSURE CITATION

(Use Several Sheets if Necessary)

APPLICANT E. Leopold

FILING DATE

November 9, 2001

GROUP

3761

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
NRP	5,300,085	April 1994	Yock..			
	5,346,505	September 1994	Leopold			
	5,350,395	September 1994	Yock.			
	5,387,193	February 1995	Miraki			
	5,389,087	February 1995	Miraki			
	5,451,233	September 1995	Yock.			
	5,456,680	October 1995	Taylor et al.			
	5,458,613	October 1995	Gharibadeh et al.			
✓	5,489,271	February 1996	Andersen			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

Noted by Park

DATE CONSIDERED

9/20/05

EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

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Form PTO-FB-A820

(also form PTO-1449)

June 11, 2002

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

MICRU 58572

SERIAL NO.

09/990,759 10802520

## INFORMATION DISCLOSURE CITATION

(Use Several Sheets if Necessary)

APPLICANT E. Leopold

FILING DATE

November 9, 2001

GROUP

3761

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
NRP	5,496,346	March 1996	Horzewski et al.			
	5,501,227	March 1996	Yock.			
	5,516,336	May 1996	McInnes et al.			
	5,531,690	July 1996	Solar			
	5,533,968	July 1996	Muni et al.			
	5,549,556	August 1996	Ndondo-lay et al.			
	5,567,203	October 1996	Euteneuer et al.			
	5,571,094	November 1996	Sirhan			
✓	5,578,009	November 1996	Kraus et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*Natasha P...*

DATE CONSIDERED

9/20/05

EXAMINER

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[239632.1]

Form PTO-FB-A820

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June 11, 2002

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

MICRU 58572

SERIAL NO.

09/990,759 10802520

## INFORMATION DISCLOSURE CITATION

(Use Several Sheets if Necessary)

APPLICANT E. Leopold

FILING DATE

November 9, 2001

GROUP

3761

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
NRP	5,626,600	May 1997	Horzewski et al.			
	5,658,251	August 1997	Ressemann et al.			
	5,702,439	December 1997	Keith et al.			
	5,743,875	April 1998	Sirhan et al.			
	5,749,888	May 1998	Yock.			
	5,755,685	May 1998	Andersen			
	5,769,868	June 1998	Yock.			
	5,782,740	July 1998	Schneiderman			
✓	5,868,706	February 1999	Cox			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*NRP*

DATE CONSIDERED

*9/20/05*

EXAMINER

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[239632.1]

Form PTO-FB-A820

(also form PTO-1449)

June 11, 2002

Sheet 5 of 5

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

MICRU 58572

SERIAL NO.

09/990,739

10802520

## INFORMATION DISCLOSURE CITATION

(Use Several Sheets if Necessary)

APPLICANT E. Leopold

FILING DATE

November 9, 2001

GROUP

3761

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
NLP	5,993,460	November 1999	Beitelia et al.			
	6,036,717	March 2000	Kelly et al.			
	6,165,197	December 2000	Yock			
	6,273,899 B1	August 2001	Kramer			
↓	6,299,595 B1	October 2001	Dutta et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
					YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

Natalie Pappas

DATE CONSIDERED

9/20/05

EXAMINER

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(239632.1)

Form PTO-FB-A820

(also form PTO-1449)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	09/990,759-10802520
				Filing Date	November 9, 2001
				First Named Inventor	Eric Leopld, et al.
				Group Art Unit	3732 3731
				Examiner Name	David A. Benderer Natalie Pous
Sheet	1	of	1	Attorney Docket Number	MICRU-58572

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document No.		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if Known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if Known)				
NRP		FR	2 631 835 A1		Roudy, Gil	12/01/1989		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T

Examiner Signature	Natalie Pous	Date Considered	9/20/05
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